

Algae Toxin (Microcystin) Data Summary

Eastern Canals

Updated September 15, 2006

Station Identification	Date Collected	Chlorophyll a mg/m ³	Flag	Microcystin LR Concentration Equivalents (µg/L)	Flag	Field Observations on Bloom
L8.M CNL (City of West Palm Beach Pump #2 at L-8 canal)	1/5/2006	18.4		<0.1	U	no evidence of bloom
	2/2/2006	3.1	I	<0.1	U	no evidence of bloom
	3/1/2006	11.7		<0.1	U	no blue green algae present
	4/6/2006	5.6		<0.1	U	no visible blue green algae
	5/3/2006	2.8	I	0.2	I	no blue green algae present
	5/18/2006	3.5	I	<0.1	U	no blue green algae present
	6/1/2006	3.5	I	<0.1	U	no blue green algae present
	6/14/2006	1	I	<0.1	U	no blue green algae present
	6/28/2006	1.5	I	<0.1	U	no blue green algae present
	7/13/2006	1.7	I	<0.1	U	no blue green algae present
	7/27/2006	11.7		<0.1	U	blue green algae present on water surface in light concentration as clumps
	8/10/2006	3.6	I	0.2	I	no blue green algae present
	8/24/2006	3.7	I	<0.1	U	no blue green algae present
	9/6/2006	5		<0.1	U	no blue green algae present
S5AE (Western point of C-51 where L-8 canal intersects)	1/5/2006	2.7	I	<0.1	U	no evidence of bloom
	2/2/2006	4.4		<0.1	U	no evidence of bloom
	3/1/2006	5.1		<0.1	U	no blue green algae present
	4/6/2006	12.3		<0.1	U	no blue green algae present
	5/3/2006	6.7		<0.1	U	no blue green algae present
	5/18/2006	3.2	I	<0.1	U	no blue green algae present
	6/1/2006	6		<0.1	U	no blue green algae present
	6/14/2006	1.1	I	<0.1	U	no blue green algae present
	6/28/2006	6.1		<0.1	U	no blue green algae present
	7/13/2006	3.5		<0.1	U	no blue green algae present
	7/27/2006	33.6		<0.1	U	no blue green algae present
	8/10/2006	14.4		0.2	I	no blue green algae present
	8/24/2006	6.7		<0.1	U	no blue green algae present
	9/6/2006	3.6	I	<0.1	U	no blue green algae present
C51S155 (Upstream of S155 structure on C-51 canal)	1/5/2006	2.8	I	<0.1	U	no evidence of bloom
	2/2/2006	2.1	I	<0.1	U	no evidence of bloom
	3/1/2006	6.8		<0.1	U	no blue green algae present
	4/6/2006	5.3		<0.1	U	no visible blue green algae
	5/3/2006	9.6		0.2	I	no blue green algae present
	5/18/2006	1.7	I	<0.1	U	no blue green algae present
	6/1/2006	5.4		<0.1	U	no blue green algae present
	6/14/2006	2.2	I	<0.1	U	no blue green algae present
	6/28/2006	7.7		<0.1	U	no blue green algae present
	7/13/2006	13.8		<0.1	U	no blue green algae present
	7/27/2006	8		<0.1	U	no blue green algae present
	8/10/2006	15		<0.1	U	no blue green algae present
	8/24/2006	12.2		<0.1	U	no blue green algae present
	9/6/2006	11.2		<0.1	U	no blue green algae present

Flagged data is due to accuracy and precision issues. The flags indicate quality control parameters which fell outside what is normally accepted for this analyte. Appropriate caution should be used in interpreting the data. Data table lists only sites sampled.

Flag:

J = failed quality control criteria for accuracy or precision

Q = time between collection and analysis exceeded criteria

I = result is between the laboratory minimum detection limit and the laboratory practical quantitation limit

U = result is undetected at the minimum detection limit